

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. – 5. (Withdrawn)

6. (currently amended) A networked computer system configured for commerce in chemical products, the system comprising:

a server configured to exchange data with a plurality of client computers;

a database operatively coupled to the server and storing chemical product data for a plurality of chemical products,

a memory operatively coupled to the server and comprising instructions to configure the server to:

receive a request comprising a product identifier from a first one of the plurality of client computers,

query the database in response to the received request to retrieve chemical product data comprising a starting point formulation and chemical characteristics inherent to a formulation of the chemical product ~~the~~ starting point formulation,

send the chemical product data to the first client computer,

receive a purchase order comprising a request to purchase a product identified by the product identifier and target characteristics input by a user,

modify the starting point formulation based on the target characteristics input by the user, and

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process the purchase order, wherein the purchase order comprises an order for purchase of a chemical product formulated in accordance with said modified starting point formulation.

7. (Previously Amended) The system of claim 6 wherein the sent chemical product data further comprises data selected from the group consisting of material safety data, chemical property data, processing data, and product manufacturing data.
8. (Canceled)
9. (Previously Amended) The system of claim 6 wherein the sent chemical product data further comprises testing result data stored in the database in response to a sample testing request.
10. (original) The system of claim 9 wherein the database further comprises user access permission information and the memory further comprises instructions to query the database to validate access by a user of the first computer, and the instructions to send the chemical product data comprise instruction to send only if access by the first user is validated.
- C1 11. (original) The system of claim 10 wherein the user access permission information comprises product payment information and the instructions to query to validate comprise instructions to confirm a payment.
12. (currently amended) The system of claim 8-6 wherein the memory comprises a disk storage media configured as an integral component of the server.
- 13.-16. (Withdrawn)
- 17.-19. (Canceled)
20. (currently amended) A method for processing a chemical product transaction, the method comprising:

receiving at a server computer from a first one of a plurality of client computers a request identifying a chemical product;

querying a database in response to the received request to retrieve chemical product data comprising a starting point formulation and chemical characteristics inherent to a the starting point formulation of the chemical product;

sending the chemical product data to the first client computer;

modifying the starting point formulation based on target characteristics input by a user

receiving a purchase order comprising a request to purchase the chemical product;  
and

processing the purchase order, said purchase order comprising an order for purchase by the user of a chemical product formulated in accordance with said modified starting point formulation.

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21. (previously added) The method of claim 20 wherein the chemical product data further comprises data selected from the group consisting of material safety data, chemical property data, processing data, and product manufacturing data.
  22. (previously added) The method of claim 20 wherein the chemical product data further comprises testing result data stored in the database in response to a sample testing request.

23.-25. (Canceled)